



**NATIONAL
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

Released weekly April - November

Issued 4:00 P.M., August 10, 2009

19-09

AGRICULTURAL NEWS: Rain has become too much of a good thing for some areas in Kentucky. Most crops are in good condition, but the cool wet weather may have hindered growth in some fields. **Topsoil moisture** was rated as 4 percent short, 68 percent adequate, and 28 percent surplus. **Subsoil moisture** was rated as 6 percent short, 74 percent adequate, and 20 percent surplus. There were 3.8 days out of 7 that were suitable for fieldwork, which consisted of spraying crops, harvesting hay, topping and cutting early tobacco, and preparing for harvest.

TOBACCO: Too much rain has flooded a few fields, especially in the northern part of the State. Most of the crop is still in good condition in spite of some reports of blue mold, black shank, scalding, and other weather-induced problems. The tobacco crop condition as of Sunday, August 9 was rated as 2 percent very poor, 4 percent poor, 16 percent fair, 55 percent good and 23 percent excellent. Seventy percent of the burley has bloomed. Last year it was 58 percent, with a five year average of 72 percent. Half of the crop was topped, compared to 42 percent in 2008 and 52 percent for the average. Dark tobacco that had bloomed was 88 percent, same as last year and ahead of the five year average of 74 percent. Sixty-nine percent was topped, compared to 72 percent a year ago and 76 percent for the average.

CORN: Twenty percent of the corn crop has dented, compared to 16 percent in 2008 and the average of 34 percent. Percent of the crop that has reached the dough stage was 38 percent. Last year it was 47 percent with an average of 59 percent. Sixty-nine percent of the corn had reached the milk stage, compared to 74 percent a year ago and 83 percent for the average. Ninety-six percent of the corn had silked, same as last year and close to the average of 98 percent. Condition of the corn crop was rated 1 percent poor, 9 percent fair, 48 percent good, and 42 percent excellent.

SOYBEANS: Crop condition was rated 2 percent poor, 14 percent fair, 44 percent good, and 40 percent excellent. Seventy-eight percent of the crop has bloomed, same as the average, and close to the 76 percent that bloomed this time last year. Soybeans setting pods was at 48 percent, in between the 39 percent that set pods a year ago and the 54 percent for the average.

OTHER CROPS AND PASTURE: The rain has kept the pastures green this week, but some hayfields may be too muddy to cut. Pasture conditions were rated as 1 percent very poor, 3 percent poor, 17 percent fair, 59 percent good, and 20 percent excellent. Hay condition was reported as 2 percent very poor, 4 percent poor, 17 percent fair, 58 percent good, and 19 percent excellent.

CROP PROGRESS for week ending 08/09/09

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Silking	96	87	96	98
Corn Milked	69	51	74	83
Corn Dough	38	26	47	59
Corn Dent	20	10	16	34
Soybeans Blooming	78	64	76	78
Soybeans Setting Pods	48	30	39	54
Burley Tobacco Blooming	70	58	58	72
Burley Tobacco Topped	50	37	42	52
Dark Tobacco Blooming	88	75	88	74
Dark Tobacco Topped	69	53	72	76

SOIL MOISTURE for week ending 08/09/09

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	4	68	28
Subsoil	0	6	74	20

CROP CONDITIONS for week ending 08/09/09

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	0	1	9	48	42
Soybeans	0	2	14	44	40
Pasture	1	3	17	59	20
Hay Crops	2	4	17	58	19
Tobacco	2	4	16	55	23

KENTUCKY WEATHER SUMMARY, AUGUST 3 - 9, 2009:

Below Normal Temperatures and Above Normal Rainfall:

Summer-like weather conditions gripped the entire Bluegrass state on the weekend which provided the first day this summer that many central and eastern locations experienced high temperatures of 90 degrees or greater. But the workweek, however, continued the cool conditions of the past 6 weeks. Showers and thunderstorms on the 4th caused historic flooding in central Kentucky, especially in the Louisville area where over 4 inches of rainfall occurred in a few hours. This was the 4th week straight with above normal rainfall.

Temperatures for the period averaged 74 degrees across the state which was 2 degrees below normal. High temperatures averaged from 87 in the West to 82 in the East. Departure from normal high temperatures ranged from 2 degrees below normal in the West to 4 degrees below normal in the East. Low temperatures averaged from 65 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 1 degree below normal in the West to 2 degrees below normal in the East.

Rainfall for the period totaled 1.22 inches statewide which was 0.38 inches above normal. Precipitation totals by climate division, West 0.86 inches, Central 1.27 inches, Bluegrass 1.34 inches and East 1.42 inches, which was 0.07, 0.42, 0.48 and 0.54 inches respectively above normal. By station, precipitation totals ranged from a low of 0.00 inches at Evansville to a high of 4.53 inches at Louisville.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 9, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)				(Degrees Fahrenheit)						
Bardstown	0.15	26.84	5.17	+8.69	+0.96	90	58	73.0	-2	155	2370	-6
Berea	1.19	17.74	3.40	-0.86	-0.47	89	55	71.1	-4	143	2243	-204
Bowling Green	0.62	28.12	7.73	+8.93	+3.81	92	60	76.9	+1	179	2614	+137
Bristol	0.15	18.43	6.97	+2.45	+3.40	90	59	73.3	-1	158	2285	+31
Buckhorn Lake	1.19	18.24	5.44	+0.33	+1.41	87	55	70.1	-4	140	2197	+52
Cape Girardeau	0.06	15.17	1.87	-2.47	-1.31	90	64	78.6	+1	190	2600	-9
Campbellsville	0.56	21.70	5.27	+0.91	+0.65	89	56	73.4	-2	160	2303	-114
Covington	1.15	22.15	4.91	+5.07	+1.34	89	55	71.5	-3	147	2216	-9
Cumberland Gap	2.58	20.70	5.47	+1.02	+0.98	89	60	73.5	-1	160	2311	+87
Dix Dam	0.44	18.51	3.62	-0.21	-0.55	89	57	72.8	-2	156	2241	-144
Evansville	0.00	20.61	4.16	+3.41	+0.78	90	41	68.5	-9	140	2481	+3
Glasgow	0.21	25.37	5.02	+4.68	+0.60	94	59	75.8	+0	169	2554	+167
Grayson	1.28	19.19	4.33	+1.51	+0.26	89	54	70.3	-4	138	2140	+47
Hardinsburg	1.39	26.54	6.83	+7.70	+2.81	91	58	75.0	-0	171	2363	-114
Henderson	0.12	18.77	2.92	+1.16	-0.51	89	62	75.6	-2	172	2388	-120
Huntington	1.11	23.52	5.55	+5.89	+1.38	89	57	70.7	-4	141	2245	-10
Jackson	2.02	29.04	7.72	+10.23	+3.34	89	60	71.6	-3	148	2267	+122
Lexington	1.65	25.34	8.76	+7.19	+4.55	91	58	72.9	-2	155	2311	+56
London	1.49	25.99	6.25	+8.47	+2.37	90	57	73.4	-1	159	2357	+133
Louisville	4.53	28.88	10.21	+11.03	+6.42	91	61	75.2	-0	171	2496	+9
Mayfield	1.38	16.48	5.55	-2.55	+1.69	90	61	76.9	-0	182	2462	-76
Nashville	1.08	24.04	4.24	+6.25	+0.80	90	41	69.4	-6	146	2667	+19
Nolin Lake	0.70	25.79	5.73	+5.72	+1.55	90	57	74.3	-1	165	2360	+75
Paducah	2.12	24.88	8.47	+5.72	+4.93	91	65	78.4	+1	188	2680	+102
Princeton	1.50	28.41	5.86	+9.35	+2.07	92	63	76.8	-0	178	2551	+4
Quicksand	1.32	22.33	5.07	+3.52	+0.69	90	59	72.1	-3	150	2271	+126
Somerset	0.35	20.21	4.10	+0.52	-0.04	89	55	72.8	-2	154	2265	-50
Spindletop	2.22	23.52	7.74	+5.37	+3.53	90	57	73.0	-2	155	2264	+9
Williamstown	1.37	26.13	6.88	+8.19	+3.02	88	56	71.6	-3	148	2161	-94

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>